

# Weekly Metrics for December 7 - 13, 2003

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest Archive	GES DAAC	0.9	1x Baseline	0.6	A
			GES DAAC	0.9	1x Baseline	0.6	A
ICESat (1/03)	GLAS	L0 Ingest	NSIDC	41	1x Baseline	13	V
		L1 Prod	NSIDC	115	1x Baseline	0	V
		L2-3 Prod	NSIDC	43	1x Baseline	0	V
		Archive	NSIDC	199		13	V
		Distribution <i>End Users</i>	NSIDC	166	Various	1	
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	83	
		L1 Prod	GES DAAC	807	Various	651	T
		L2 - 3 Prod	GES DAAC	107	2.03x Baseline	114	T
		Archive	GES DAAC	1,012	Various	848	T
		Distribution <i>Production</i>	GES DAAC			312	
	AMSR-E	<i>End users</i>		471	Various	210	G
		<i>Data Pool</i>				1	U
		L0 Ingest	NSIDC	10	1x Baseline	6	B
		L1 Ingest	NSIDC	9	Various	7	B
		L2-L3 Prod	GHRC	38	2.03x Baseline	115	C
	CERES	Archive	NSIDC	67	Baseline	128	C
		Distribution <i>Production</i>	NSIDC			6	
		<i>End Users</i>		35	1.015x Baseline	71	G
		<i>Data Pool</i>				160	U
		Archive	ASDC	169	Various	Included	
	MODIS	Distribution <i>Testing/QA</i>	ASDC	1,421	IT Requirements	In Terra	See
		<i>End Users</i>		109	1.015x Baseline	CERES	Footnote R
		L0 Ingest	GES DAAC	518	1x Baseline	458	
		L1 Prod	GES DAAC	5,047	Various	4,890	
		L2-L4 Prod	MODAPS	6,395	2.03x Baseline	3,047	Q
METEOR 3M (12/01)	SAGE III	Archive	LP DAAC	3,516	Various	1,642	Q
			GES DAAC	8,015	Various	6,368	Q
			NSIDC	426	Various	385	Q
		Distribution <i>Testing/QA</i>	LP DAAC	23	IT Requirements	0	
		<i>End User</i>		2,345	1.015x Baseline	103	G
		<i>Data Pool</i>				0.02	
		Distribution <i>Testing/QA</i>	GES DAAC	362	IT Requirements	0	
		<i>To MODAPS/LaRC</i>		4,157	1.015x Baseline	5,444	
		<i>End Users</i>				2	G
		<i>Data Pool</i>	NSIDC	284	1.015x Baseline	33	U
ACRIMSAT (12/99)	ACRIM 3	Distribution <i>End User</i>				28	G
		<i>Data Pool</i>				0	U
METEOR 3M (12/01)	SAGE III	Archive	ASDC	0.9	Various	0.3	D
		Distribution <i>Production</i>	ASDC			0	
		<i>End Users</i>		0.02	1.015x Baseline	0.1	
ACRIMSAT (12/99)	ACRIM 3	Archive	ASDC	1	1x Baseline	0	D

Terra (12/99)	ASTER	L1A Ingest L1B Ingest L1B Archive L2-L3 Prod Archive Distribution <i>Production</i> <i>End Users</i> <i>Data Pool</i>	LP DAAC LP DAAC LP DAAC LP DAAC LP DAAC LP DAAC	680 271 271 1,221 2,173	1x Baseline 1.015x Baseline 1.015x Baseline 3.045x Baseline Various	570 111 2,263 214 3,046	E E E E E
				1,221	1.015x Baseline	2,098 549 0.7	G, N
	CERES	Archive Distribution <i>Testing/QA</i> <i>End Users</i>	ASDC ASDC	357 1,421 119	Various IT Requirements 1.015x Baseline		R G, N
	MISR	L0 Ingest L1 Prod L2-L3 Prod Archive Distribution <i>Testing/QA</i> <i>Production</i> <i>End Users</i> <i>Data Pool</i>	ASDC ASDC ASDC ASDC ASDC	249 3,359 285 3,894 137 1,215	1x Baseline Various 3.045x Baseline Various IT Requirements 1.015x Baseline	224 554 68 846 80 311 1,130 8	F F F G, N U
	MODIS	L0 Ingest L1 Prod L2-L4 Prod Archive  Distribution <i>Testing/QA</i> <i>End Users</i> <i>Data Pool</i> Distribution <i>Testing/QA</i> <i>To MODAPS/LaRC</i> <i>End users</i> <i>Data Pool</i> Distribution <i>End Users</i> <i>Data Pool</i>	GES DAAC GES DAAC MODAPS LP DAAC GES DAAC NSIDC LP DAAC  GES DAAC  NSIDC	518 7,570 12,789 7,034 12,990 853 23 2,345 362 4,157 284	1x Baseline Various 3.045x Baseline Various (L2-L4) Various (L0-L4) Various (L2-L3) IT Requirements 1.015x Baseline IT Requirements 1.015x Baseline 1.015x Baseline	454 2,353 9,248 5,277 6,459 115 0 3,649 2 63 3,772 2,252 112 28 0	M, P H, P H, P H, P G, N U G U G, N U
	MOPITT	L0 Ingest L1 Prod L2 Prod Archive Distribution <i>Production</i> <i>End Users</i> <i>Data Pool</i>	ASDC SIPS SIPS ASDC ASDC	2 2 2 6 1	1x Baseline Various 3.045x Baseline Various 1.015x Baseline	2 2 2 6 2 16 0.5	G, N U
	Landsat-7 (4/99)	ETM+	LP DAAC LP DAAC	1,092 58	250 Scenes ECS ICD	829 43	W
	ADEOS-II (12/02)	SeaWinds	Archive (L0+) Distribution	PO DAAC PO DAAC		0 5	O
	Jason-1 (12/01)	Poseidon 2	Archive (L0+) Distribution	PO DAAC PO DAAC	NA NA	14 18	J
	QuikScat (6/99)	SeaWinds	Archive (L0+) Distribution	PO DAAC PO DAAC	109 Weekly Average	40 554	J
	TOPEX (8/92)	Poseidon	Archive (L1+) Distribution	PO DAAC PO DAAC	24 Weekly Average	0 39	J

Other Missions	Various Instruments	Archive (L2+) Distribution	PO DAAC PO DAAC	NA	NA	9 124	K
----------------	---------------------	----------------------------	--------------------	----	----	----------	---

Notes:

- A. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet.
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirements is in process. JAXA commanded AMSR-E into sleep mode on 11/18 (15:38Z) as a precautionary measure against effects from the Leonid meteor shower. Science mode was restored late on 11/19 (~19:00Z).
- C. Production of L2 and L3 products resumed on September 3.
- D. Data from this instrument is not transmitted to DAAC daily.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. In June, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
- F. Little processing was done.
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- H. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
- I. Did not receive any L1 or L2 products from MOPITT SIPS.
- J. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- K. Includes distribution of educational materials.
- L. The requirements for this instrument include reprocessing, but no reprocessing has started yet.
- M. Very little reprocessing of Terra MODIS L2-4 products was done.
- N. Does not include distribution by data pool.
- O. Currently distribution of ADEOS-II data is limited to the instrument team members for calibration/validation purposes.
- P. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- Q. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule.
- R. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
- S. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
- T. Includes the reprocessed July 2003 data.
- U. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics information, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
- V. GLAS Laser remains off since November 19.
- W. Landsat-7 scan line corrector (SLC) failed on May 31 and subsequently Landsat-7 ETM+ was shut down. In mid July US stations resumed data collection with the SLC off. The Landsat 7 ETM+ data became available to the public as of October 22.

*\* Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:*

Processing Level	1 <sup>st</sup> year after launch	2 <sup>nd</sup> year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.